

Converting Colors

YUV(128.6550, 6.0861,
-85.6434)

Have a look what the booklet for
YUV(128.6550, 6.0861, -85.6434)
contains.

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Color

**YUV(128.6550, 6.0861,
-85.6434)**

Conversions

Conversions Part 1

Format	Color
Hex	1FB08D
RGB	31, 176, 141
RGB Percent	12%, 69%, 55%
CMY	0.8784, 0.3098, 0.4471
CMYK	0.82, 0.00, 0.20, 0.31
HSL	166°, 70%, 41%
HSV	166°, 82%, 69%
XYZ	20.8981, 33.2651, 30.5187
YIQ	128.6550, -75.1850, -41.6250

Conversions

Conversions Part 2

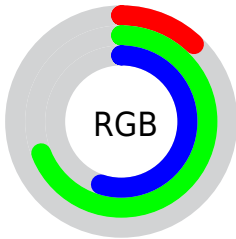
Format	Color
RYB	31, 113, 176
Decimal	2076813
CIELab	64.37, -44.66, 7.69
CIElCh	64, 45.319, 170.231
Yxy	33.2651, 0.2468, 0.3928
Android (android.graphics.Color)	4280266893 (0xFF1FB08D)
YUV	128.6550, 6.0861, -85.6434
Hunter-Lab	57.6759, -36.2555, 9.0004

Details

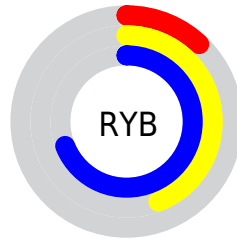
The YUV color **128.6550, 6.0861, -85.6434** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **78.3450, -6.0861, 85.6434**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.2110, 2.8540, -75.6070**, and **81.9880, 4.4429, -71.9035** is the 20% darker color. If you saturate the color by 10%, you get **122.8170, 6.9922, -96.3095**, and if you desaturate by 10%, it is **134.4930, 5.1800, -74.9774**.

Distribution



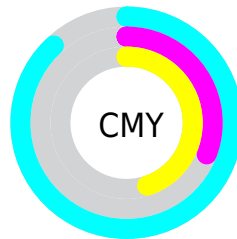
- Red (12%)
- Green (69%)
- Blue (55%)



- Red (12%)
- Yellow (44%)
- Blue (69%)



- Cyan (82%)
- Magenta (0%)
- Yellow (20%)
- Black (31%)



- Cyan (88%)
- Magenta (31%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.6550, 6.0861, -85.6434 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 128.6550, 6.0861, -85.6434 by changing the saturation by 10% instead.

■ 128.6550, 6.0861,
-85.6434

■ 128.6550, 6.0861,
-85.6434

255.0000, 0.0000,
0.0000

■ 100.5730, 7.1125,
-88.2025

■ 189.2110, 2.8540,
-75.6070

■ 81.9880, 4.4429,
-71.9035

■ 215.1730, 3.8587,
-71.1887

■ 64.5770, 1.1945,
-56.6340

■ 227.0360, 11.8143,
-56.1596

■ 47.3940, -1.1802,
-41.5645

■ 236.4620, 9.1392,
-38.1162

■ 30.9120, -3.4076,
-27.1098

■ 245.4320, 4.7170,
-19.6729

■ 14.0880, -6.9454,
-12.3552

254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 128.6550, 6.0861,
-85.6434

■ 128.6550, 6.0861,
-85.6434

■ 122.8170, 6.9922,
-96.3095

■ 134.4930, 5.1800,
-74.9774

■ 118.5880, 7.5981,
-104.0017

■ 140.0320, 4.4212,
-64.9261

■ 145.9840, 3.9519,
-54.3600

■ 151.5230, 3.1932,
-44.3087

■ 157.3610, 2.2870,
-33.6426

■ 163.1990, 1.3809,
-22.9765

■ 168.8520, 1.0590,
-13.0252

■ 174.6900, 0.1528,
-2.3591

■ 180.2290, -0.6059,
7.6922

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



143.8130, -20.1208, -33.1620



128.6550, 6.0861, -85.6434



124.7610, 28.7118, -109.4154

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



128.6550, 6.0861, -85.6434



156.3470, 37.2969, -16.0903



155.8550, -30.0015, 56.2552

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



128.6550, 6.0861, -85.6434



78.3450, -6.0861, 85.6434

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



157.2750, -13.4466, 66.4108



128.6550, 6.0861, -85.6434



160.6640, 23.3366, 28.3587

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



128.6550, 6.0861, -85.6434



137.4100, 48.1119, -78.4126



159.5570, 5.6414, 57.3935



153.4210, -38.6616, 33.8338

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



128.6550, 6.0861, -85.6434



126.3230, 39.7738, -110.7853



159.5570, 5.6414, 57.3935



155.9680, -24.6342, 61.4181

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



128.6550, 6.0861, -85.6434



211.0620, 2.4344, -34.2574



126.8790, -47.2683, -52.5139



103.5090, 1.2281, -20.6174



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



128.6550, 6.0861, -85.6434



155.5580, 9.5849, -134.6704



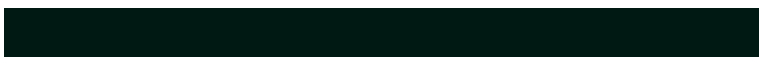
111.5130, 31.7921, -70.6099



86.0810, 0.4531, -5.3330



103.0350, 6.3917, -90.3617



17.4280, 0.7750, -15.2844

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



78.3450, -6.0861, 85.6434



76.4420, -9.5849, 134.6704



95.4870, -31.7921, 70.6099



82.9190, -0.4531, 5.3330



49.9650, -6.3917, 90.3617



8.4580, -1.2118, 15.3843

Previews

White Background



This preview shows how the YUV color 128.6550, 6.0861, -85.6434 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 128.6550, 6.0861, -85.6434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

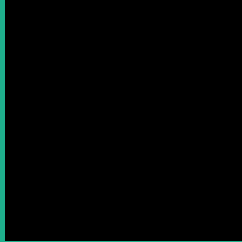
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 128.6550, 6.0861, -85.6434 Background



This preview shows how black text looks on a background with the YUV color 128.6550, 6.0861, -85.6434.



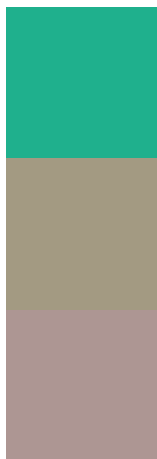
This preview shows how white text looks on a background with the YUV color 128.6550, 6.0861,

-85.6434.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

128.6550, 6.0861, -85.6434

Protanopia

153.9550, -11.8098, 7.9325

Deuteranopia

156.5350, -4.7008, 14.4398



Tritanopia

138.7060, 22.3299, -69.0252

Trichromacy



Original Color

128.6550, 6.0861, -85.6434

Protanomaly

144.7550, -5.3022, -26.0951

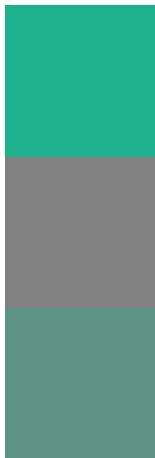
Deuteranomaly

146.0420, -0.5137, -21.9618

Tritanomaly

134.7670, 16.3839, -75.2177

Monochromacy



Original Color

128.6550, 6.0861, -85.6434

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.6710, 2.1342, -31.2835

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.6550, 6.0861, -85.6434 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(31, 176, 141)` looks like.

```
.text, #text, p{  
    color:rgb(31, 176, 141)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(31, 176, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 176, 141) }
```

Border

The CSS property to change the border of an element to YUV 128.6550, 6.0861, -85.6434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(31, 176, 141) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(31, 176, 141) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(31, 176, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 176, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 176, 141);  
box-shadow:4px 4px 4px 4px rgb(31, 176,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 128.6550, 6.0861, -85.6434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 176, 141) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(31, 176,  
141) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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